

0023-1785-3



15/c 6/20/02
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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :

TATSUYA TANAKA ET AL :

EXAMINER: TRAN, L.

SERIAL NO: 09/550,331 :

RCE FILED: JANUARY 14, 2002 :

GROUP ART UNIT: 1725

FOR: METHOD AND APPARATUS
FOR INJECTION MOLDING
LIGHT METAL ALLOY

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Office Action dated February 13, 2002, please amend the above-identified application as follows:

IN THE CLAIMS

Please cancel Claim 5.

C1
6. (Amended) An injection molding apparatus as defined in claim 25, wherein a check valve is disposed in the first channel for preventing the semi-solidified slurry in the second channel from flowing backward to the screw extruder.

C2
24. (Twice Amended) A method of injection molding a light metal alloy comprising the steps of:

Sub
D1
cooling a molten metal under shearing by an extrusion screw into a semi-solidified slurry in a substantially vertical chamber;

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JUN 20 2002
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